



Our Reference: VMP-500-A

#16/Pre-E
Hawkins
PATENT RECEIVED
TECHNOLOGY CENTER 2800
SEP 9 2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Rainer Bruhn
Serial Number: 09/706,490
Filing Date: November 3, 2000
Examiner/Art Group Unit: D. Le/2834
Title: TUBULAR MOTOR

AMENDMENT

Box: RCE
Assistant Commissioner of Patents
Washington, D.C. 20231

Sir:

Prior to Examination, please enter the attached Amendment into the above-identified case.

In the claims:

1. (Three times amended) A tube motor comprising:
an electric motor drive with a drive shaft located in a motor housing;
a reducing gear with a driven shaft coupled with the drive shaft via a gear input
shaft;
a gear box supporting the reducing gear and the driven shaft; and
a wrap-spring brake working against the gear box, including a wrap spring
securing the driven shaft against rotation upon disengagement of the electric motor drive and an
annular element mounted free of torsion on the gear box and positioned between the wrap spring
and the gear box, the annular element diverting into the gear box a moment of torsion introduced
by the driven shaft.